



10/033,438

CAPC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLN. OF: KANBA  
PATENT NO: 6,873,197 B2  
ISSUED: March 29, 2005  
FOR: Scan Flip-Flop Circuit Capable of Guaranteeing Normal Operation  
GROUP: 2816  
DOCKET: NEC 479

**Certificate**  
**JUN 20 2005**  
**of Correction**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PETITION FOR CERTIFICATE OF CORRECTION**

Dear Sirs:

Kanba, the Patentee of the above-identified patent, through his attorney, hereby petitions for issuance of a Certificate of Correction in the above identified patent. A Certificate of Correction (PTO form 1050) is enclosed, in duplicate. The Certificate of Correction is required to correct significant printing errors occurring on the cover page as follows:

- 1.) The patent fails to include section [30] Foreign Application Priority Data, i.e. Japanese Patent Application No. 2000-399689 should be listed as the underlying Foreign Application; and
- 2.) The patent fails to include section [73] Assignee --NEC Electronics Corporation--.

Since the errors were Patent Office errors, it is believed that the Certificate of Correction should be issued without charge to the Applicant. A copy of the Declaration, a copy

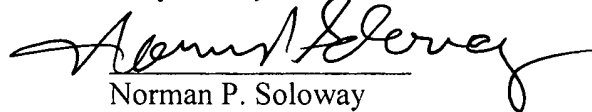
HAYES SOLOWAY P.C.  
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JUN 22 2005

of the Notice of Recordation of Assignment Document including the stamped Form PTO-1595  
and Form PTOL-85 are attached in support of the above.

Respectfully submitted,



Norman P. Soloway  
Attorney for Applicant  
Reg. No. 24,315

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States  
Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O.  
Box 1450, Alexandria, VA 22313-1450 on June 9, 2005 at Tucson  
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By:



**HAYES SOLOWAY P.C.**  
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JUN 22 2005

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO : 6,873,197 *B2*  
DATED : March 29, 2005  
INVENTOR(S) : KANBA

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Cover Page, insert--[30] Foreign Application Priority Data JP 2000-399689, December 28, 2000--.

On the Cover Page, insert--[73] Assignee: NEC Electronics Corporation--.

MAILING ADDRESS OF SENDER:

Norman P. Soloway  
HAYES SOLOWAY P.C.  
130 W. Cushing Street  
Tucson, AZ 85701

PATENT NO. 6,873,197

No. of additional copies



**JUN 22 2005**

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISS FEE**  
**Commissioner for Patents**  
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**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

27667 7590 08/23/2004

HAYES, SOLOWAY P.C.  
 130 W. CUSHING STREET  
 TUCSON, AZ 85701

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISS FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

<u>Kim Good</u>	(Depositor's name)
<u>Kim Good</u>	(Signature)
<u>November 10, 2004</u>	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/033,438	12/28/2001	Kohji Kanba	NEC 479	9283

TITLE OF INVENTION: SCAN FLIP-FLOP CIRCUIT CAPABLE OF GUARANTEEING NORMAL OPERATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	11/23/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
LAM, TUAN THIEU	2816	327-199000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 HAYES SOLOWAY P.C.

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

NEC ELECTRONICS CORPORATION

JAPAN

Please check the appropriate assignee category (will not be printed on the patent);

☐ individual☒ corporation or other private group entity☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee (No small entity discount permitted)☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☒ Payment by credit card. Form PTO-2038 is attached.

☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 08-1391 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature) \_\_\_\_\_ (Date) \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No:	NEC 479		
First Named Inventor:	Kanba		
Complete if known: Serial No:		Filing Date:	December 28, 2001
Group Art Unit:		Examiner:	

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled SCAN FLIP-FLOP CIRCUIT CAPABLE OF GUARANTEEING NORMAL OPERATION, the specification of which: ☒ is attached hereto or ☐ was filed on \_\_\_\_\_ as application Serial No. \_\_\_\_\_, and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, S. 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s):</u>			<u>Priority Claimed</u>	<u>Certified Copy Attached</u>
<u>2000-399689</u>	<u>Japan</u>	<u>12/28/2000</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)		
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)		

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application No: \_\_\_\_\_ Filing Date: \_\_\_\_\_

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

US Parent Application No.  
or PCT Parent Appln. No

Parent Filing Date

Parent Patent Number  
(if applicable)

And I hereby appoint HAYES, SOLOWAY, HENNESSEY, GROSSMAN & HAGE, P.C., a firm composed of:

Oliver W. Hayes, Reg. No. 15,867

Steven J. Grossman, Reg. No. 35,001

Norman P. Soloway, Reg. No. 24,315

Susan H. Hage, Reg. No. 29,646

William O. Hennessey, Reg. No. 32,032

Donald J. Perreault, Reg. No. 40,126

or any of them, of 175 Canal Street, Manchester, New Hampshire 03101 (Telephone: 603-668-1400) and

Edmund P. Pfleger, Reg. No. 41,252

Dale F. Regelman, Reg. No. 45,625

or any of them, of 130 West Cushing Street, Tucson, Arizona 85701 (Telephone: 520-882-7623)

as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith.

Please direct all future correspondence in connection with this application to the attention of Norman P. Soloway HAYES, SOLOWAY, HENNESSEY, GROSSMAN & HAGE, P.C., 175 Canal Street, Manchester, New Hampshire 03101 (Telephone: 603-668-1400).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: KOJI KANBA

First Inventor's signature Koji Kanba (神庭) Date December 21, 2001

Residence: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku,

Citizenship: Japanese Tokyo, Japan

Post Office Address: Same as Residence



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

JUNE 17, 2003

HAYES SOLSOWAY P.C.  
NORMAN P. SOLOWAY  
130 W. CUSHING STREET  
TUCSON, AZ 85701

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JUN 23 2003

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HAYES SOLOWAY

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/19/2003

REEL/FRAME: 013736/0321  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

NEC CORPORATION

DOC DATE: 11/01/2002

ASSIGNEE:

NEC ELECTRONICS CORPORATION  
1753 SHIMONUMABE, NAKAHARA-KU,  
KAWASAKI  
KANAGAWA 211-8668, JAPAN

SERIAL NUMBER: 09708856  
PATENT NUMBER:

FILING DATE: 11/07/2000  
ISSUE DATE:

SERIAL NUMBER: 09912034  
PATENT NUMBER: 6566931

FILING DATE: 07/24/2001  
ISSUE DATE: 05/20/2003

SERIAL NUMBER: 09819516  
PATENT NUMBER:

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ISSUE DATE:

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ISSUE DATE: 12/17/2002

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FILING DATE: 08/31/1999  
ISSUE DATE: 10/08/2002

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ISSUE DATE: 11/29/2002

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ISSUE DATE:

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ISSUE DATE: 06/24/2003

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FILING DATE: 03/19/2002  
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FILING DATE: 03/19/2002  
ISSUE DATE: 10/29/2002

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ISSUE DATE: 05/27/2003

SERIAL NUMBER: 10011420  
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FILING DATE: 12/04/2001  
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ISSUE DATE:

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ISSUE DATE:

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ISSUE DATE: 01/28/2003

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ISSUE DATE: 01/07/2003

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ISSUE DATE: 05/20/2003

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FILING DATE: 05/17/2001  
ISSUE DATE:

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FILING DATE: 07/23/2001  
ISSUE DATE: 02/04/2003

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ISSUE DATE: 06/17/2003

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FILING DATE: 01/23/2002  
ISSUE DATE:

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ISSUE DATE:

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ISSUE DATE: 02/25/2003

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ISSUE DATE:

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PATENT NUMBER:

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ISSUE DATE:

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ISSUE DATE: 01/21/2003

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ISSUE DATE:

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ISSUE DATE: 05/20/2003

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FILING DATE: 01/26/1999  
ISSUE DATE: 01/21/2003

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PATENT NUMBER: 6528979

FILING DATE: 02/08/2002  
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SERIAL NUMBER: 10091776  
PATENT NUMBER:

FILING DATE: 03/05/2002  
ISSUE DATE:

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PATENT NUMBER: 6584371

FILING DATE: 03/01/2000  
ISSUE DATE: 06/24/2003

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ISSUE DATE:

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ISSUE DATE:

SAUNDRA BALLENGER, EXAMINER  
ASSIGNMENT DIVISION  
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Patent and Trademark Office

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To the Honorable Commissioner of

102369015

Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

NEC CORPORATION

## 2. Name and address of receiving party(ies):

Name: NEC ELECTRONICS CORPORATION

Address: 1753 SHIMONUMABE

NAKAHARA-KU, KAWASAKI

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

City: KANAGAWA

State/Prov.:

Country: JAPAN

ZIP: 211-8668

Execution Date: November 1, 2002

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

Please see Schedule A attached to Assignment

2/19/03

Additional numbers

☐ Yes ☒ NoOFFICE OF PATENT RECORDS  
2003 FEB 19 PM 1:21  
FINANCE SECTION

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Norman P. Soloway

Registration No. 24,315

Address: HAYES SOLOWAY P.C.

130 W. Cushing Street

City: Tucson

State/Prov.: AZ

Country: USA

ZIP: 85701

## 6. Total number of applications and patents involved:

117

## 7. Total fee (37 CFR 3.41):.....\$ 4,680.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

08-1391

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Norman P. Soloway

Name of Person Signing

Signature

February 11, 2003

Date

6

Total number of pages including cover sheet, attachments, and

## *Assignment*

Whereas, NEC Corporation, a Japanese corporation, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan, hereinafter called Assignor, is the owner and assignee of record of the pending applications listed on the attached Schedule A; and

Whereas, NEC Electronics Corporation, a Japanese corporation, having a place of business at 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan, hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said applications listed on the attached Schedule A;

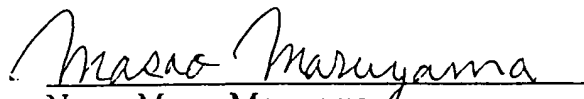
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged;

Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in the applications listed on the attached Schedule A;

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

NEC Corporation

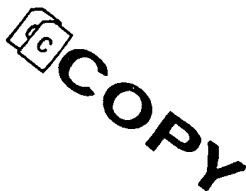
Date: November 1, 2002

  
Name: Masao Maruyama  
Title: Chief Manager, Planning Division,  
Intellectual Asset Operations Unit

Witness:

November 1, 2002  
Date:

  
Name: Akira Muto

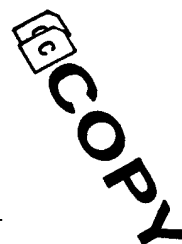




## *Schedule A*


### Patent Applications

<u>Serial No.</u>	<u>File Date</u> (Year/Month/Day)
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09/819516	2001/3/27
09/963063	2001/9/25
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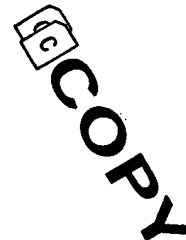
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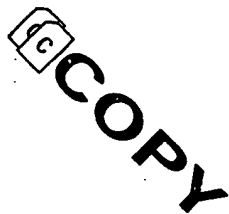
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